

**BRIEF DESCRIPTION OF THE DRAWINGS**

A more complete appreciation of the disclosure herein and many of the attendant advantages thereof will be readily obtained as the same becomes better understood by reference to the following detailed description when considered in connection with the accompanying drawings, wherein:

Figs. 1A through 1C are views illustrating an optical information recording medium of an embodiment hereto, wherein Fig. 1A is a plan view of a portion of an optical information recording medium, Fig. 1B a cross-sectional view thereof at position 1, and Fig. 1C a cross-sectional view thereof at position 2;

Figs. 2A and 2B illustrate a relationship between a phase pit and a phase pit signal waveform;

Figs. 3A and 3B illustrate the effect of a partition wall;

Fig. 4 illustrates a relationship between the width of a phase pit and the amplitude of a phase pit signal;

Fig. 5 illustrates a relationship between the length of a phase pit and the amplitude of a phase pit signal;

Fig. 6A through 6D illustrate a method of exposing a master to form phase pits, wherein Fig. 6A is a plan view of the a portion of the master, Fig. 6B illustrates an exposing light beam, Fig. 6C is a cross-sectional view at location 1 in Fig. 6A, and Fig. 6D is a cross-sectional view at location 2 in Fig. 6A;

Fig. 7 illustrates the spot diameters of two light beams and the spot distance therebetween;

Fig. 8 illustrates an optical system for exposing a master;

Fig. 9A through 9F are process diagrams illustrating a stamper manufacturing process;

Fig. 10 is a perspective view, illustrating exposing a master (original board);

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